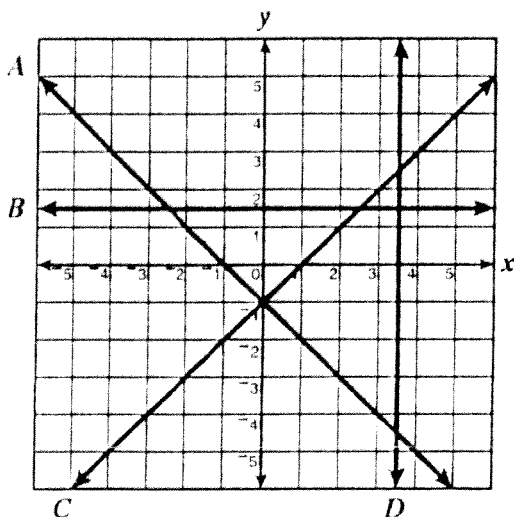


Sample SOL Questions

1.



Which line on the graph has an undefined slope?

- | | | | |
|---|---|---|---|
| A | A | C | C |
| B | B | D | D |

2. What is the slope of the line that contains (4, -1) and (3, 3)?

- | | | | |
|---|----------------|---|----------------|
| F | -4 | H | $-\frac{1}{4}$ |
| G | $-\frac{1}{2}$ | J | 2 |

3. What is the slope of the line $3x + y = 5$?

- | | | | |
|---|----|---|----------------|
| A | 3 | C | $\frac{1}{3}$ |
| B | -3 | D | $-\frac{1}{3}$ |

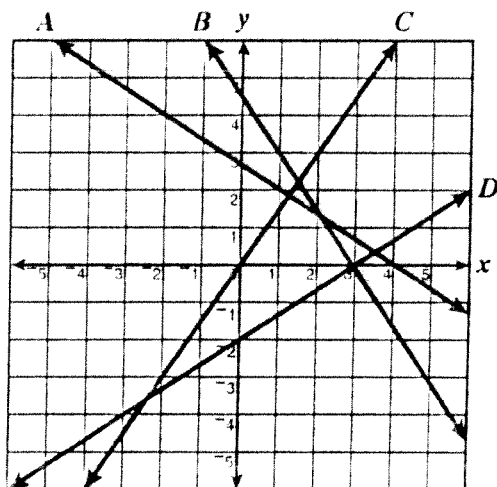
4. What is the slope of the line that contains points (2, 3) and (2, -4)?

- | | | | |
|---|-----------|---|----------------|
| A | Undefined | C | $-\frac{1}{4}$ |
| B | 0 | D | -4 |

5. What is the slope of the line represented by the equation $-2y = x - 1$?

- | | | | |
|---|----------------|---|---------------|
| A | -2 | C | $\frac{1}{2}$ |
| B | $-\frac{1}{2}$ | D | 2 |

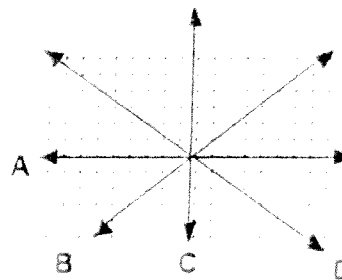
6.



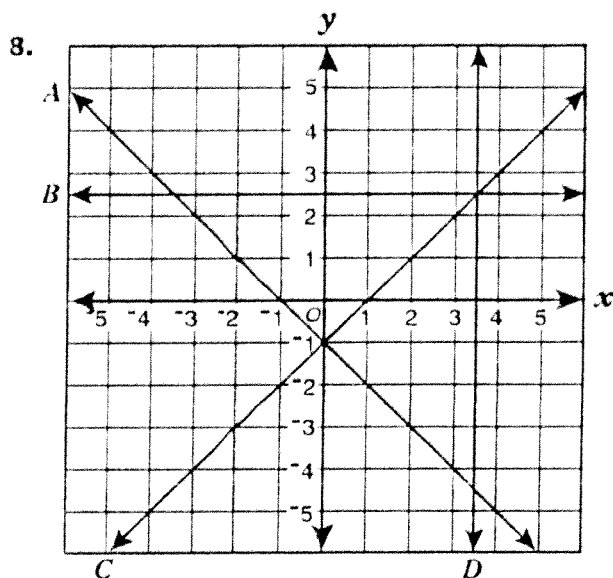
Which line on the grid appears to have slope $\frac{2}{3}$?

- | | | | |
|---|---|---|---|
| F | A | H | C |
| G | B | J | D |

7. Which of the following lines appears to have the slope of zero?



- | | | | |
|---|---|---|---|
| F | A | H | C |
| G | B | J | D |



Which line has a negative slope?

- A A C C
B B D D

9. What is the slope of the graph of

$$y = 6x - 1?$$

- A -6 C $\frac{1}{6}$
B -1 D 6

10. What is the slope of the line that goes through

$(-3, 2)$ and $(3, 2)$?

- F Undefined H $\frac{2}{3}$
G 0 J $\frac{3}{2}$

11. What is the slope of the line $y = -8x + 6$?

- A -8 C 1
B -6 D 8

12. Find the slope of the line that passes through the points $(-3, 1)$ and $(2, -3)$.

- A $-\frac{5}{4}$ C $\frac{4}{5}$
B $-\frac{4}{5}$ D $\frac{5}{4}$

13. Which describes the slope of the line that passes through $(-7, 3)$ and $(8, 5)$?

- A. Positive C. Zero
B. Negative D. Undefined

14. What is the slope of the line $3x + y = 5$?

- A. 3 C. $-\frac{1}{3}$
B. $\frac{1}{3}$ D. -3

15. What is the slope of the line containing $(-3, -1)$ and $(1, -2)$?

- A. -4 C. $\frac{1}{4}$
B. $-\frac{1}{4}$ D. 4

16. What is the slope of the line $3x - 6y = 15$?

- A. -9 C. $\frac{1}{2}$
B. $-\frac{1}{2}$ D. 2

17. What is the slope of the line $x = -3$?

- A. -3
B. 0
C. Undefined
D. 3